



ARMORSOURCE

MISSION CRITICAL BALLISTIC SOLUTIONS



MODEL: AIRE II

DESCRIPTION:

**U.S. ARMY NEXT GENERATION
ADVANCED COMBAT HELMET.
THE LIGHTEST IN THE FIELD.**

Proudly introducing the next generation of ballistic head protection. The ArmorSource Aire II Helmet solution is the lightest version of the U.S. Army Advanced Combat Helmet (ACH / LWACH) on the market. Designed to minimize weight burden, the Aire II has effectively reduced the weight of the traditional ACH helmet by more than 30% and that of LW-ACH helmets by more than 15%. All while exceeding the ballistic protection of the Lightweight ACH category as a whole, thanks to our proprietary materials and superior development capabilities.

FEATURES

PROVIDES EXTREMELY HIGH BALLISTIC PROTECTION against a wide spectrum of small fragments as well as handgun projectiles

EXTREMELY COMFORTABLE due to its light weight and flexible pad system

Utilizes **INDUSTRY LEADING BALLISTIC TECHNOLOGY**

UTILIZES THE ACH/MICH SHAPE used and accepted by the United States and other military organizations worldwide

Available in **BOLTED AND BOLTLESS** Versions

COMPATIBLE WITH ALL ACH accessories and devices

Proudly **MADE IN THE USA**

SYSTEM SNAPSHOT

SHAPE/DESIGN	U.S. Army ACH Geometry
SHELL CONSTRUCTION	Proprietary blend of Polyethylene and Composite Materials
BALLISTIC PROTECTION	AR/PD 14-01; NIJ level IIIA
FRAGMENT PROTECTION	17 grain V50 > 2400 f/s (732m/s) in accordance with AR/PD 14-01
9MM BFD/TRAUMA	9-mm RTP/BFD < 1" average
ENVIRONMENTAL / MECHANICAL STANDARD	U.S. Army AR/PD 14-01
CERTIFICATION	From an NIJ certified laboratory
AVAILABLE HEAD SIZES	X-Small / Small / Medium / Large / X-Large / XX-Large
AVAILABLE SHELL SIZES	Small / Medium / Large / X-Large
EXTREME TESTING CONDITIONS	Performs under temperature between 160 °F (71°C) and -60°F (-51°C); Performs after 3 hours sea water immersion
CONFIGURATION	100% Boltless (Durability Verified)
USE	Special Units; Military Troops



AVAILABLE COLORS



RANGER GREEN

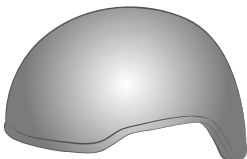


SNIPER BLACK

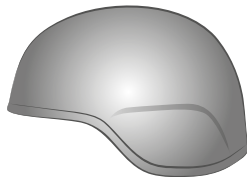


COYOTE BROWN

AVAILABLE CUTS



HIGH-CUT



REGULAR-CUT

SHELL INFO

SHELL THICKNESS	0.3" (±0.1") / 8 mm (±2.5mm)
FINISHED SHELL NOMINAL WEIGHT*	Medium 0.84 kg (1.8 lbs); Large 0.9 kg (2.0 lbs); X-Large 0.95 kg (2.1 lbs)
NOMINAL SURFACE AREA*	M - 1,037 cm ² (161 in ²); L - 1,081 cm ² (168 in ²); XL - 1,208 cm ² (187 in ²)
NOMINAL AREAL DENSITY	7.2 kg/m ² (1.58 lbs/ft ²)

SYSTEM INFO

FINISHED HELMET NOMINAL WEIGHT **	Medium 1.02 kg (2.2 lbs); Large 1.08 kg (2.4 lbs); X-Large 1.13 kg (2.5 lbs)
FULLY LOADED HIGH-CUT NOMINAL WEIGHT ***	Medium 1.11 kg (2.4 lbs); Large 1.17 kg (2.6 lbs); X-Large 1.21 kg (2.7 lbs)

* Regular-cut shell ** A Regular-cut helmet installed with retention and suspension systems *** Special Command configuration: the complete kit, with ASR side-rails, NVG Shroud and Operational Loop System



HIGH-CUT



REGULAR-CUT



REGULAR-CUT / NO ACCESSORIES

CONFIGURATION COMPONENTS



AIRELINK PRIME
DIAL RETENTION SYSTEM



AIRESUPPORT PRIME
SUSPENSION SYSTEM



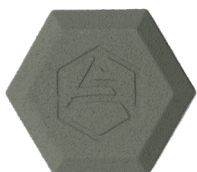
OPERATIONAL LOOP SYSTEM

SYSTEM CAPABILITIES CHECKLIST

BALLISTIC PERFORMANCE*		ENVIRONMENTAL PERFORMANCE*		COMPATIBILITY AND ADD-ONS*			
U.S. ARMY ACH GEN II SPECS	✓	U.S. ARMY ACH SPECS	✓	UNIVERSAL SIDE-RAILS	✓	STRAP EXTENDERS	✓
NIJ LEVEL IIIA	✓	BLUNT IMPACT	✓	NVG MOUNT	✓	VISOR/GOGGLES	✓
FRAGMENTATION PROTECTION	✓	COMPRESSION RESISTANCE	✓	OPERATIONAL LOOP SYSTEM	✓	COMMUNICATIONS / EAR PROTECTION	✓
BFD / TRAUMA	✓	ACCELERATED AGING	✓	COUNTERWEIGHT	✓	GAS MASK	✓
EXTENDED 17 GRAIN VELOCITY	✓	FLAMMABILITY	✓	CAMOUFLAGE COVER	✓	CARRYING BAG	✓
		ADVANCED BOLTLESS ADHESIVE SYSTEM	✓				
		IMPACT RESISTANT	✓				

* In accordance with ArmorSource technical specifications and applicable standards

AVAILABLE ACCESSORIES



COUNTERWEIGHT



HELMET COVER



CARRYING BAG



STRAP EXTENDER

PROVEN TO PROTECT

REGISTERED ISO 9001:2015